

IN THE CLAIMS:

1. (Currently amended) A closure system comprising:
~~a closure moveable in an aperture; and~~
~~an actuator for moving the closure; and mounted by a mounting system, the mounting system including: and~~
~~a mounting system that mounts the actuator and having at least one measurement cell for measuring at least one parameter of the closure system, wherein said at least one measurement cell generates at least one output based on said at least one parameter and wherein said at least one output distinguishes an actuator force applied to the closure by the actuator and an acceleration force applied to the closure by an external acceleration as two separate values.~~
~~wherein the closure system is subjected to accelerations and is arranged to distinguish an actuator force applied to the closure by the actuator from an acceleration force applied to the closure from the accelerations by consideration of the at least one parameter.~~
2. (Original) The closure system as defined in Claim 1 in which the closure system is part of a vehicle.
3. (Previously amended) The closure system as defined in Claim 2 in which the vehicle is one of a land vehicle, an aircraft, and a marine vehicle.
4. (Original) The closure system as defined in Claim 1 in which the closure moves primarily in a vertical direction.
5. (Original) The closure system as defined in Claim 1 in which the closure moves primarily in a horizontal direction.
6. (Original) The closure systems as defined in Claim 1 in which the closure is a window.

60,130-1168
99MRA0172

7. (Original) The closure system as defined in Claim 6 in which the window is a door window.

8. (Previously amended) The closure systems as defined in Claim 7 in which the closure system is mounted in a door.

9. (Original) The closure systems as defined in Claim 1 in which the closure is a sun roof.

10. (Original) The closure system as defined in Claim 1 in which the closure is a partition.

11. (Original) The closure system as defined in Claim 1 in which the closure is a sliding personnel door.

12. (Original) The closure system as defined in Claim 1 in which the actuator includes an electric motor.

13. (Original) The closure system as defined in Claim 12 in which the actuator includes a gearbox.

14. (Original) The closure system as defined in Claim 13 in which the actuator is a window regulator motor including a gearbox.

15. (Previously amended) The closure system as defined in Claim 1 in which the mounting system includes two measurement cells in a spaced apart relationship.

16. (Currently amended) The closure system as defined in Claim 1 in which the said at least one parameter is force.

60,130-1168
99MRA0172

17. (Previously amended) The closure system as defined in Claim 1 in which the actuator opens the closure.

18. (Cancelled)

19. (Currently amended) An aperture motor assembly for closing an aperture comprising:

b1
a closure; and
a first measurement cell that generates a first output and a second measurement cell that generates a second output, ~~measurement cells arranged to distinguish a force applied to the closure from an acceleration force applied to the closure as a result of accelerations of the closure and the motor assembly by consideration of an output from the measurement cells wherein comparison of the first output and the second output distinguishes an actuator force applied to the closure by the actuator and an acceleration force applied to the closure by an external acceleration as two separate values.~~

20. (Original) The aperture motor assembly as defined in Claim 19 suitable for use as a window regulator motor assembly.

21. (Original) The aperture assembly as defined in Claim 20 in which the motor assembly includes a gearbox.

22. (Previously added) The closure system as defined in Claim 1 wherein the system measures at least two parameters.

23. (Previously added) The closure system as defined in Claim 22 wherein one of said parameters is the actuator force applied to the closure by the actuator.

60,130-1168
99MRA0172

24. (Previously added) The closure system as defined in claim 22 wherein one of said parameters is a movement force applied to the actuator due to movement of the closure system.

25. (Currently amended) A closure system comprising:

a closure moveable in an aperture and subjectable to an acceleration force resulting from externally induced accelerations external acceleration and separately subjectable to an actuator force applied by an actuator; and

the actuator that applies the actuator force on the closure to move to the closure for moving the closure and mounted by a mounting system that mounts the actuator, the mounting system having, the mounting system including at least one measurement cell for measuring two separate parameters of the closure system,

— a first measurement cell that generates a first output and a second measurement cell that generates a second output,

wherein comparison of the first output and the second output distinguishes an actuator force applied to the closure by the actuator and an acceleration force applied to the closure by an external acceleration as two separate values, wherein the two parameters are measured such that the actuator force applied to the closure by the actuator is distinguishable from the acceleration force resulting from externally induced accelerations.